

Machine Tool Technology

Course Outline

Description	Course	Cust. Hrs
Technology Foundations	MSH-050	0 hrs
Orientation	MSH-075	6 hrs
Safety	MSH-080	6 hrs
Blue Print Reading	MSH-100	90 hrs
Shop Theory	MSH-150	200 hrs
Power Saws	MSH-250	30 hrs
Lathe	MSH-300	340 hrs
Milling Machines	MSH-350	340 hrs
Grinders	MSH-400	100 hrs
Heat Treating	MSH-450	10 hrs
Maintenance & Repair	MSH-500	20 hrs
Jigs & Fixtures	MSH-550	40 hrs
Machine Shop Math	MSH-600	90 hrs
Bench Work	MSH-650	64 hrs
CNC Programming & Operation	MSH-700	324 hrs
VMC Operation	MSH-720	180 hrs
Coordinate Measuring Machine	MSH-750	60 hrs
Turning Center	MSH-800	90 hrs
Wire EDM	MSH-850	100 hrs
Sinker EDM	MSH-900	70 hrs
Machinist 1 Diploma		2160 hrs

Machine Tool Technology Cost Sheet

1st Trimester:

Maintenance/Tech & Activity Fees	1,216.00
ToolingU Online Course*	320.00
Calculator*	25.00
Safety Glasses	3.00
Machinist Ready Reference*	31.20
Tools (approximately)	620.00
Total	\$2,215.20

*denotes books/supplies needed for 1st day of class

2nd through 5th Trimester:

Maintenance/Tech & Activity Fees	1,216.00
Total	\$4,864.00

NIMS Testing:

Registration	40.00
Test 1	35.00
Test 2	35.00
Test 3	35.00
Test 4	35.00
Total	\$180.00

Total (approximately) \$7,259.00

This list of fees covers the period from September 1, 2016 to August 31, 2017. All book, tool, and supply costs are approximate and are subject to change. The actual time for completion may vary from student to student.

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